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PTO/SB/21 (08-03)
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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/730,552 | |
| | Filing Date | December 8, 2003 | |
| | First Named Inventor | W. Allen Gilchrist et al. | |
| | Art Unit | 2878; Confirmation No.: 1482 | |
| | Examiner Name | N/A | |
| Total Number of Pages in This Submission | 6 | Attorney Docket Number | 584-35673-US |

| ENCLOSURES (Check all that apply) | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form | <input checked="" type="checkbox"/> Drawing(s) <i>corrected</i> | <input type="checkbox"/> After Allowance communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
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| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Postcard; four (4) sheets of corrected/replacement formal drawings (Fig. 1-5) |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | The Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 02-0429 (584-35673-US) | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
| Firm or Individual name | Kaushik P. Sriram, Reg. No. 43,140 | |
| Signature | <i>KP Sriram</i> | |
| Date | June 8, 2004 | |

| CERTIFICATE OF TRANSMISSION/MAILING | | |
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| Typed or printed name | Beth Pearson-Naul | |
| Signature | <i>Beth Pearson-Naul</i> | Date |
| | | June 8, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|-------------|---------------------------------------|---|----------------------------|
| Applicant: | W. Allen Gilchrist et al. | § | |
| | | § | Group Art Unit: N/A |
| Serial No.: | 10/730,552 | § | |
| | | § | Examiner: N/A |
| Filed: | December 8, 2003 | § | |
| | | § | Atty. Docket: 584-35673-US |
| Title: | "Method and Apparatus for Determining | § | |
| | the Thermal Neutron Capture Cross- | § | Confirmation No.: 1482 |
| | Section of a Subsurface Formation | § | |
| | a Borehole" | § | |

Mail Stop: PGPUB DRAWINGS
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SUBMISSION OF CORRECTED/REPLACEMENT FORMAL DRAWINGS

Enclosed is one set of corrected/replacement formal drawings consisting of four (4) sheets containing Figures 1 through 5 for the above-referenced patent application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. **02-0429 (584-35673-US)**.

Respectfully submitted,

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Date: June 8, 2004

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I hereby certify that this paper, along with any referred to as being attached or enclosed, is being forwarded to MS PGPub Drawings, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450, via the United States Postal Service, First Class Mail, prepaid, on the 8th day of June, 2004.

Beth Pearson-Naul